

ABSTRACT OF THE DISCLOSURE

UNITARY MOLDED LENS FILTER FOR TOUCH SCREEN INTERFACE

A durable unitary lens filter is provided for use with a touch sensitive display device for associated control process equipment. A front cover secures the unitary lens filter to the machine. The lens assembly includes a mounting bezel that supports an intermediate lens securing an integral rear lens filter through which a responsive display shows process information to an operator. The front cover captivates the integral bezel to secure the lens to the associated process device. The lens is molded from a semi-rigid material composition including glass fibers. An internal retainer compressibly captivates the bezel against the front cover. The bezel periphery extends substantially beyond the outermost peripheral edge of the rear lens so that forces thereto are transferred and dissipated to the machine housing.